



A.D. 1861, 18th DECEMBER. N° 3169.

SPECIFICATION

OF

MATTHEW CARTWRIGHT.

PALATES FOR ARTIFICIAL TEETH.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,
25, CUTHBERTSON BUILDINGS, HOLBORN.

Price 1s.

1862





A.D. 1861, 18th *DECEMBER*. N° 3169.

Palates for Artificial Teeth.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Matthew Cartwright, at the Office of the Commissioners of Patents, with his Petition, on the 18th December 1861.

I MATTHEW CARTWRIGHT, of Carlisle, in the County of Cumberland, Dentist,
5 do hereby declare the nature of the said Invention for “**IMPROVEMENTS IN THE MANUFACTURE OF BEDS OR PALATES FOR THE RECEPTION OF ARTIFICIAL TEETH,**” to be as follows :—

This Invention relates to the manufacture of vulcanite beds or palates for artificial teeth, and consists in employing the material or composition com-
10 posing the ordinary and well known vulcanite in the form of a solution, which is painted on to the model by means of a brush or other suitable instrument, in lieu of being moulded thereon by counterpart dies, thereby dispensing with the powerful pressure hitherto required in forming vulcanite beds or palates by the ordinary process. When a sufficient thickness of coating has been ap-
15 plied, the palate is subjected to the action of heat for the purpose of hardening the same, as is well known in the manufacture of hard india-rubber or vulcanite articles. If desired, suitable strengthening or filling up pieces may be applied at those parts requiring extra strength or filling-in in addition to the coating above referred to. Any suitable or well known means may be
20 adopted for securing the artificial teeth to these beds or palates, and the solution of the material itself may be effected either by the use of benzole, or other solvents of india-rubber.

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Printers to the Queen's most Excellent Majesty. 1862.

